

9/16/2022

## NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

4/29/01

The drawings filed insert date \_\_\_\_\_ are

A.  prepared by the Draftsperson under 37 CFR 1.84 or 3.152.B.  offered by the Draftsperson under 37 CFR 1.84 or 3.152 or the person in charge. The Examiner will require submission of new or corrected drawings when necessary. Corrected drawing must be submitted according to the instructions in the back of this notice.

<p><b>1. DRAWINGS:</b> 37 CFR 1.84(a). Acceptable categories of drawings</p> <p>Black ink &amp; color</p> <p>— Color drawings are not acceptable until prior to rejection. Figs. _____</p> <p>— Pen and non-black ink not permitted. Figs. _____</p> <p><b>2. PHOTOGRAPHS:</b> 37 CFR 1.84(b).</p> <p>— 1 full page(s) required. Figs. _____</p> <p>— Photographs may not be mounted. 37 CFR 1.84(c).</p> <p>— Poor quality (half-tones). Figs. _____</p> <p><b>3. TYPE OF PAPER:</b> 37 CFR 1.84(c).</p> <p>— Paper not flexible, strong, white, and durable. Figs. _____</p> <p>— Erasures, alterations, over writings, interlineations, faded copy in some marks not accepted. Figs. _____</p> <p>— Mylar, vacuum paper is not acceptable if white. Figs. _____</p> <p><b>4. SIZE OF PAPER:</b> 37 CFR 1.84(d). Acceptable sizes</p> <p>— 11.0 in. by 29.7 cm (DIN size A4).</p> <p>— 11.0 in. by 27.9 cm (8 1/2 x 11 inches).</p> <p>— All drawing sheets not the same size.</p> <p>— Sheet sizes _____</p> <p>— Drawing sheet is not an acceptable size. Figs. _____</p> <p><b>5. MARGINS:</b> 37 CFR 1.84(e). Acceptable margins</p> <p>— Top 2.5 cm. Left 2.5 cm. Right 1.5 cm. Bottom 1.0 cm. SIZE: A4 Size</p> <p>Top 2.5 cm. Left 2.5 cm. Right 1.5 cm. Bottom 1.0 cm. SIZE: 8 1/2 x 11</p> <p>Margins not acceptable. Figs. _____</p> <p>— Top (T) _____, Left (L) _____, Right (R) _____, Bottom (B) _____</p> <p><b>6. VIEWS:</b> 37 CFR 1.84(f).</p> <p><b>REMINDER:</b> Specification may require revision to correspond to drawing changes.</p> <p>Partial views. 37 CFR 1.84(h)(2).</p> <p>— Brackets needed to show figure as one entity. Figs. _____</p> <p>✓ View(s) titled separately or properly. Figs. _____</p> <p>— Enlarged view not labeled separately or properly. Figs. _____</p> <p>— Delete extra '6' w/ lead line (Figs 20B)</p> <p><b>7. SECTIONAL VIEWS:</b> 37 CFR 1.84(h)(3).</p> <p>Hatching not indicated for sectional portions of an object. Figs. _____</p> <p>Section designation should be noted with Arabic or Roman numbers. Figs. _____</p> <p>Comments</p> <p>— Fig. legends w/ lead lines (Figs 1A, 1B)</p> <p>— Fig. legend placed incorrectly (Fig 13)</p> <p>— Exaggerated hatching (Fig 12)</p> <p>— Solid-lined parts must be drawn to show illumination (Fig 18A) W/ G</p>	<p><b>8. ARRANGEMENT OF VIEWS:</b> 37 CFR 1.84(j).</p> <p>— Words do not appear on the right side of the page when page is either upright or turned so that the top begins on the right side, except for graphic figures. Figs. _____</p> <p><b>9. SCALE:</b> 37 CFR 1.84(k).</p> <p>— Scale not large enough to show major dimensions of the drawing when drawing is reduced to size to two-thirds in reproduction. Figs. _____</p> <p><b>10. CHARACTER OF LINES, NUMBERS &amp; LETTERS:</b> 37 CFR 1.84(l).</p> <p>— Lines, numbers &amp; letters not uniform, dark and well contrasted. Figs. _____</p> <p>— Fig. 1A-36B, 3-36D</p> <p><b>11. SHADING:</b> 37 CFR 1.84(m).</p> <p>— Solid black areas pale. Figs. _____</p> <p>— Solid black shading not occurring. Figs. _____</p> <p>— Solid thin w/ pale, rough and blurry. Figs. _____</p> <p><b>12. NUMBERED LETTERS &amp; REFERENCE CHARACTERS:</b> 37 CFR 1.84(p).</p> <p>— Number and reference characters plain and legible. Figs. _____</p> <p>— Fig. legends are poor. Figs. _____</p> <p>— No labels and reference characters not oriented in the same direction as the views. 37 CFR 1.84(p)(1).</p> <p>— Fig. 1A-36B</p> <p>— Fig. 1A alphabet not used. 37 CFR 1.84(p)(2).</p> <p>— Figures _____</p> <p>— Numbers, letters and reference characters must be at least 12 cm (1.8 inch) in height. 37 CFR 1.84(p)(3).</p> <p>— Fig. 1A-36B</p> <p><b>13. LEAD LINES:</b> 37 CFR 1.84(q).</p> <p>— Lead lines cross each other. Figs. _____</p> <p>— Lead lines missing. Figs. _____</p> <p><b>14. NUMBERING OF SHEETS OF DRAWINGS:</b> 37 CFR 1.84(r).</p> <p>— Sheet not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) _____</p> <p><b>15. NUMBERING OF VIEWS:</b> 37 CFR 1.84(s).</p> <p>— View not numbered consecutively, and in Arabic numerals beginning with number 1. Figs. _____</p> <p><b>16. CORRECTIONS:</b> 37 CFR 1.84(t).</p> <p>— Corrections not made from prior PTO-948.</p> <p>— Fig. 1A-36B</p> <p><b>17. DESIGN DRAWINGS:</b> 37 CFR 1.84(u).</p> <p>— Hatching shading not appropriate. Figs. _____</p> <p>— Solid black shading not used for color contrast. Figs. _____</p>
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REVIEWER \_\_\_\_\_ DATE 2/20/03 TELEPHONE NO. 703 305 8484

ATTACHMENT TO PAPER NO. 11

- Reference number # 2(?) placed improperly (Fig 36A)
- Reference label too close to parts (Fig 36A)

# **Attachment for PTO-948 (Rev. 03/01, or earlier)**

**6/18/01**

**The below text replaces the pre-printed text under the heading, "Information on How to Effect Drawing Changes," on the back of the PTO-948 (Rev. 03/01, or earlier) form.**

## **INFORMATION ON HOW TO EFFECT DRAWING CHANGES**

### **1. Correction of Informalities -- 37 CFR 1.85**

New corrected drawings must be filed with the changes incorporated therein. Identifying indicia, if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the top margin. If corrected drawings are required in a Notice of Allowability (PTOL-37), the new drawings **MUST** be filed within the **THREE MONTH** shortened statutory period set for reply in the Notice of Allowability. Extensions of time may NOT be obtained under the provisions of 37 CFR 1.136(a) or (b) for filing the corrected drawings after the mailing of a Notice of Allowability. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

### **2. Corrections other than Informalities Noted by Draftsperson on form PTO-948.**

All changes to the drawings, other than informalities noted by the Draftsperson, **MUST** be made in the same manner as above except that, normally, a highlighted (preferably red ink) sketch of the changes to be incorporated into the new drawings **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes.

#### **Timing of Corrections**

Applicant is required to submit the drawing corrections within the time period set in the attached Office communication. See 37 CFR 1.85(a).

Failure to take corrective action within the set period will result in **ABANDONMENT** of the application.